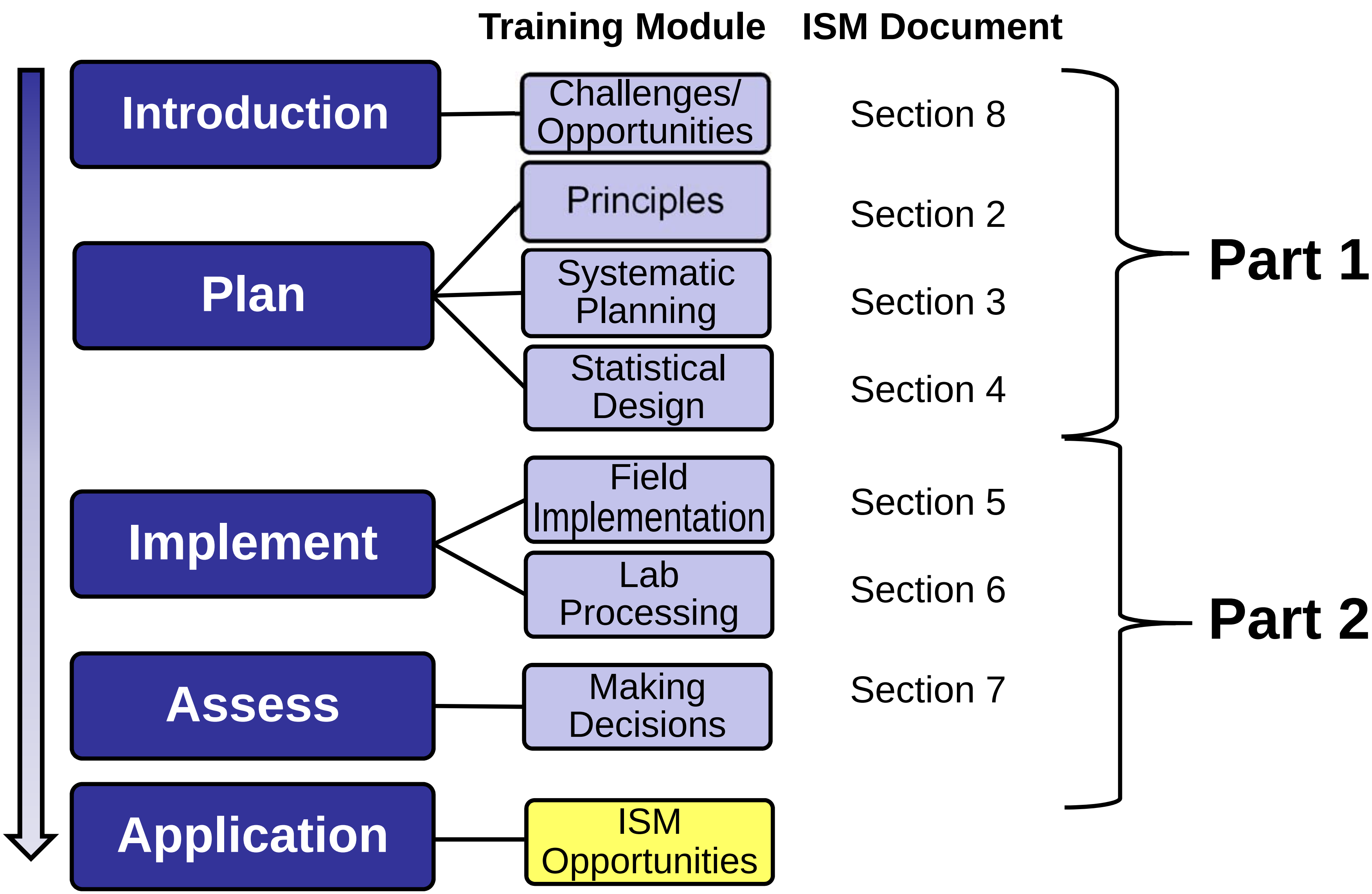
ISM Document and Training Roadmap



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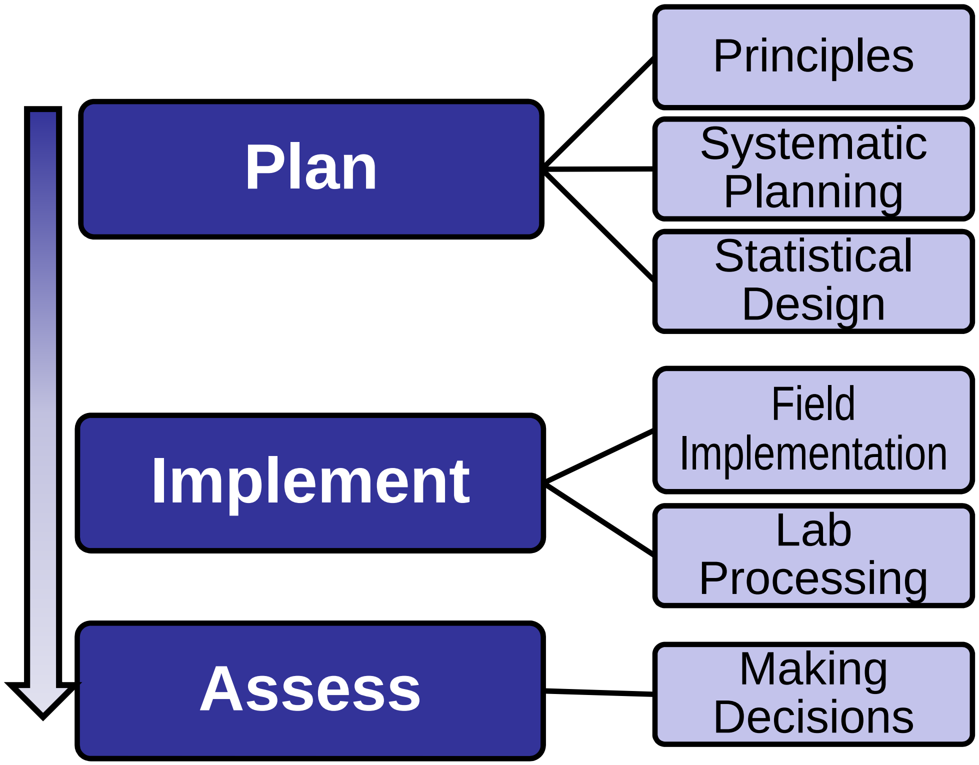
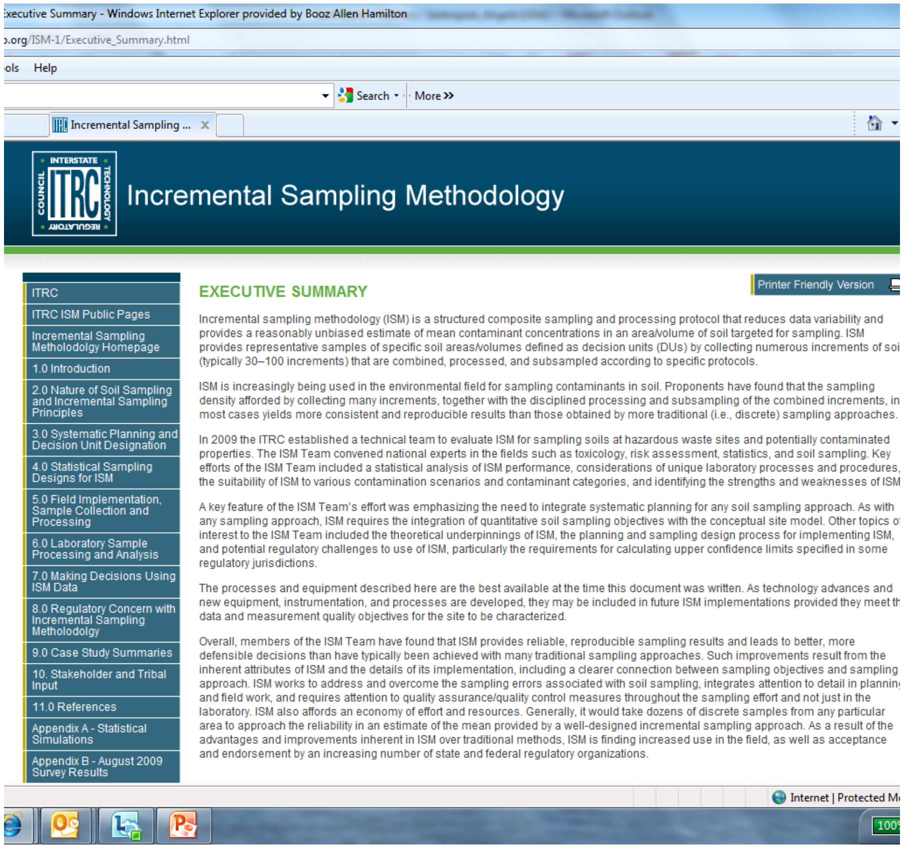
Are You Getting a Representative Sample at Your Sites?

ITRC's ISM Solution

Web-Based Document at:
http://www.itrcweb.org/ISM-1/





ISM Applications

- Regulated sites
- Former pesticide-applied orchards
- Floodplain-impacted soils
- Stockpiled soil
- Post-soil treatment sampling
- Dredged materials

Orchard

Ball field

ISM Applications (continued)

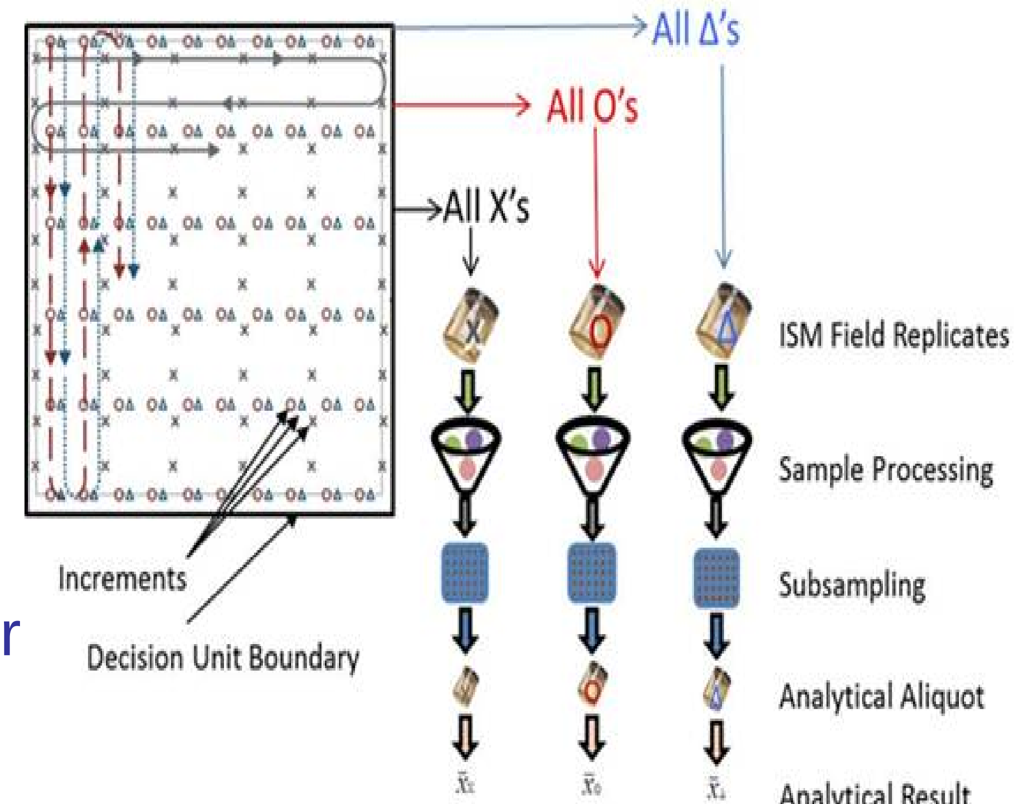
- "Back 40"
- Firing ranges
- Confirmatory sampling
- Background
- Other
  - Fill material
  - "Rail to trail" sites


Small Arms Firing Range

A Cost Comparison: ISM vs. Discrete

What Can ISM Do For Me?

- Unbiased estimate of the mean
- Improved spatial coverage
- Increased sample representativeness
- Address most common sources of sampling error
- Reduced data variability



What to Remember about ISM

- Calculation of a 95%UCL limited to two methods: student’s t and Chebyshev
- No spatial resolution within Decision Unit

Incremental Sampling Methodology

The primary objective of sampling is to obtain a representative sample.